

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021171**Date Inspected:** 23-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Qiu Wen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Ramesh Gade, was present during the times noted above for observations relative to the work being performed.

This QA Inspector performed the following work:

Bay 11 OBG 14W Edge Plate

This QA inspector performed Magnetic Particle (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member is identified as Edge Plate as per ZPMC notification # 06738.

The weld designations reviewed are as follows:

EP3030-001-089, 090, 091, 092, 094, 096, 098, 103, 104, 105 and 106

Note: - Green Tag # 13708# signed.

Bay 11 OBG Bike Path

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This QA inspector performed Magnetic Particle (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Bike path as per ZPMC notification # 06739.

The weld designations reviewed are as follows:

BK4A-017-10A-BK004A4-017-014
BK4A-017-9C-BK004A4-017-040, 041
BK4A-017-9C-BK004A7-017-178, 180
BK4A-017-9A-BK004A7-17-066, 067,
BK4A-017-9A-BK004A7-017-218, 220
BK004A7-017-224, 231, 225, 232
BK004A5-017-056, 057, 58, 059, 076, 077, 078

Bay 11 OBG Bike Path

This QA inspector performed Magnetic Particle (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Bike path as per ZPMC notification # 06749.

The weld designations reviewed are as follows:

BK004A1-029-009

Bay 11 OBG Bike Path

This QA inspector performed Magnetic Particle (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Bike path as per ZPMC notification # 06744.

The weld designations reviewed are as follows:

BK005B-004-009
BK004A-022-009

Note: - MT carried out on one side only.

Summary of Conversations:

No relevant conversations reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

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Inspected By:	Gade,Ramesh	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
